

1/1 DWPX - (C) Thomson Derwent  
AN - 1995-370079 [48]  
TI - Coolant pump for air conditioner - has bearing structure moulded  
with ceramic material with its sliding surface mounted to  
crankshaft  
DC - Q56 X25 X27  
PA - (HITA ) HITACHI LTD  
NP - 1  
NC - 1  
PN - **JP07247978 A** 19950926 DW1995-48 F04C-029/00 4p \*  
AP: 1994JP-0042143 19940314  
PR - 1994JP-0042143 19940314  
AB - JP07247978 A  
The coolant pump consists of a compression zone (12) of a drive  
motor (13), having a scroll mechanism including a fixed scroll (16)  
and a turn scroll (17). The bearing part has a structure moulded  
with ceramic material of non-lubricating type along the sliding  
surface.  
- The bearing is mounted on the crankshaft of the pump. Thus, the  
coolant pump circulates coolant of liquid or fluid of two laminar  
air flows.  
- **ADVANTAGE** - Improves reliability. Prevents wear and tear of  
bearings. (Dwg.1/4)